

ABG PH: 7.35-7.45 Na: 137-147 mmol/L K: 3.5-5 mmol/L Cl: 95-105 mmol/L HCO3: 22-26 mmol/L pCO2: 35-44 mmHg PO2: 75-100 mmHg O2 saturation: >95%	10-24 hrs, return to normal: 10-14 days) myoglobin (Male) 10 - 95 ng/ml (onset: 1-3 hrs, peak: 6-10 hrs, return to normal: 12-24 hrs) myoglobin (Female) 10 - 65 ng/ml (onset: 1-3 hrs, peak: 6-10 hrs, return to normal: 12-24 hrs)	uric acid (Female) 2.5 - 6.6 mg/dL
HEMATOLOGY - Red Blood Cells RBC (Male) 4.2 - 5.6 ×10 ⁶ / μL <i>[Scientific Notation: 10⁶ = 1,000,000]</i> RBC (Female) 3.8 - 5.1×10 ⁶ / μL RBC (Child) 3.5 - 5.0×10 ⁶ / μL	GENERAL CHEMISTRY acetone 0.3 - 2.0 mg% albumin 3.5 - 5.0 gm/dL alkaline phosphatase 32 - 110 U/L anion gap 5 - 16 mEq/L ammonia 11 - 35 μmol/L amylase 50 - 150 U/dL	LIPID PANEL (Adult) cholesterol (total) Less than 200 mg/dL HDL 30 - 75 mg/dL LDL Less than 130 mg/dL desirable triglycerides (Male) Greater than 40 - 170 mg/dL triglycerides (Female) Greater than 35 - 135 mg/dL
HEMATOLOGY - White Blood Cells WBC (Male) 3.8 - 11.0 ×10 ³ / mm ³ <i>[Scientific Notation: 10³ = 1,000]</i> WBC (Female) 3.8 - 11.0 ×10 ³ / mm ³ WBC (Child) 5.0 - 10.0×10 ³ / mm ³	AST,SGOT (Male) 7 - 21 U/L AST,SGOT (Female) 6 - 18 U/L bilirubin, direct 0.0 - 0.4 mg/dL bilirubin, indirect total minus direct bilirubin, total 0.2 - 1.4 mg/dL Blood urea nitrogen 6 - 23 mg/dL calcium (total) 8 - 11 mg/dL carbon dioxide 21 - 34 mEq/L carbon monoxide symptoms at greater than or equal to 10% saturation chloride 96 - 112 mEq/L creatinine (Male) 0.2 - 0.6 mg/dL creatinine (Female) 0.6 - 1.0 mg/dL creatinine 0.6 - 1.5 mg/dL ethanol 0 mg%; Coma: greater than or equal to 400 - 500 mg% folate 2.0 - 21 ng/mL glucose 65 - 99 mg/dL (diuresis greater than or equal to 180 mg/dL) HDL (Male) 25 - 65 mg/dL HDL (Female) 38 - 94 mg/dL iron 52 - 169 μg/dL iron binding capacity 246 - 455 μg/dL lactic acid 0.4 - 2.3 mEq/L lactate 0.3 - 2.3 mEq/L lipase 10 - 140 U/L magnesium 1.5 - 2.5 mg/dL osmolality 276 - 295 mOsm/kg parathyroid hormone 12 - 68 pg/mL phosphorus 2.2 - 4.8 mg/dL potassium 3.5 - 5.5 mEq/L SGPT 8 - 32 U/L sodium 135 - 148 mEq/L T3 0.8 - 1.1 μg/dL thyroglobulin less than 55 ng/mL thyroxine (T4) (total) 5 - 13 μg/dL total protein 5 - 9 gm/dL TSH Less than 9 μU/mL urea nitrogen 8 - 25 mg/dL uric acid (Male) 3.5 - 7.7 mg/dL	URINE color Straw specific gravity 1.003 - 1.040 pH 4.6 - 8.0 Na 10 - 40 mEq/L K Less than 8 mEq/L Cl Less than 8 mEq/L protein 1 - 15 mg/dL osmolality 80 - 1300 mOsm/L
HEMOGLOBIN Hgb (Male) 14 - 18 g/dL Hgb (Female) 11 - 16 g/dL Hgb (Child) 10 - 14 g/dL Hgb (Newborn) 15 - 25 g/dL		24 HOUR URINE amylase 250 - 1100 IU / 24 hr calcium 100 - 250 mg / 24 hr chloride 110 - 250 mEq / 24 hr creatinine 1 - 2 g / 24 hr creatinine clearance (Male) 100 - 140 mL / min creatinine clearance (Male) 16 - 26 mg / kg / 24 hr creatinine clearance (Female) 80 - 130 mL / min creatinine clearance (Female) 10 - 20 mg / kg / 24 hr magnesium 6 - 9 mEq / 24 hr osmolality 450 - 900 mOsm / kg phosphorus 0.9 - 1.3 g / 24 hr potassium 35 - 85 mEq / 24 hr protein 0 - 150 mg / 24 hr sodium 30 - 280 mEq / 24 hr urea nitrogen 10 - 22 gm / 24 hr uric acid 240 - 755 mg / 24 hr
HEMATOCRIT + CBC Hct (Male) 39 - 54% Hct (Female) 34 - 47% Hct (Child) 30 - 42% MCV 78 - 98 fL MCH 27 - 35 pg MCHC 31 - 37% neutrophils 50 - 81% bands 1 - 5% lymphocytes 14 - 44% monocytes 2 - 6% eosinophils 1 - 5% basophils 0 - 1%		
CARDIAC MARKERS troponin I 0 - 0.1 ng/ml (onset: 4-6 hrs, peak: 12-24 hrs, return to normal: 4-7 days) troponin T 0 - 0.2 ng/ml (onset: 3-4 hrs, peak:		COAGULATION Activated clotting time (ACT) 90 - 130 seconds aPTT 21 - 35 seconds platelets 140,000 - 450,000 /ml plasminogen 62 - 130% PT 10 - 14 seconds PTT 32 - 45 seconds Fibrin split products(FSP) Less than 10 μg/dL fibrinogen 160 - 450 mg/dL bleeding time 3 - 7 minutes

thrombin time 11 - 15 seconds

CSF

appearance clear
glucose 40 - 85 mg/dL
osmolality 290 - 298 mOsm/L
pressure 70 - 180 mm/H2O
protein 15 - 45 mg/dL
total cell count 0 - 5 cells
WBCs 0 - 6 / μ L

HEMODYNAMIC PARAMETERS

cardiac index 2.5 - 4.2 L / min / m²
cardiac output 4 - 8 LPM
left ventricular stroke work index 40 - 70 g / m² / beat
right ventricular stroke work index 7 - 12 g / m² / beat
mean arterial pressure 70 - 105 mm Hg
pulmonary vascular resistance 155 - 255 dynes / sec / cm to the negative 5
pulmonary vascular resistance index 255 - 285 dynes / sec / cm to the negative 5
stroke volume 60 - 100 mL / beat
stroke volume index 40 - 85 mL / m² / beat
systemic vascular resistance 900 - 1600 dynes / sec / cm to the negative 5
systemic vascular resistance index 1970 - 2390 dynes / sec / cm to the negative 5
systolic arterial pressure 90 - 140 mm Hg
diastolic arterial pressure 60 - 90 mm Hg
central venous pressure 2 - 6 mm Hg; 2.5 - 12 cm H2O
ejection fraction 60 - 75%
left arterial pressure 4 - 12 mm Hg
right atrial pressure 4 - 6 mm Hg
pulmonary artery systolic 15 - 30 mm Hg
pulmonary artery diastolic 5 - 15 mm Hg
pulmonary artery pressure 10 - 20 mm Hg
pulmonary artery wedge pressure 4 - 12 mm Hg
pulmonary artery end diastolic pressure 8 - 10 mm Hg
right ventricular end diastolic pressure 0 - 8 mm Hg

NEUROLOGICAL VALUES

cerebral perfusion pressure 70 - 90 mm Hg
intracranial pressure 5 - 15 mm Hg or 5 - 10 cm H2O

VENOUS VALUES

pH 7.31 - 7.41
PaCO2 41 - 51 mm Hg
HCO3 22 - 29 mEq/L
O2 saturation 60 - 85%
PaO2 30 - 40 mm Hg